

PASSAIC VALLEY SEWERAGE COMMISSION  
APPLICATION FOR A SEWER USE PERMIT

## SECTION A

|                     |       |       |
|---------------------|-------|-------|
| INDUSTRIAL 20 - 335 |       |       |
| 81100               | 81150 | 81200 |
| MAR 10 2006         |       |       |
| 81250               | 82050 | 82100 |

1. Company Name: MARCAL PAPER MILLS, INC.
2. Permit Number if applicable: #07403222
3. Location: 1 MARKET STREET  
ELMWOOD PARK, NJ Zip Code: 07407
4. Mailing Address: SAME  
Zip Code: \_\_\_\_\_
5. Person to contact concerning information provided in this application:  
Name of Contact Official: WILLIAM M. REILLEY  
Title: Director - Environmental Affairs Phone No.: (201) 703-6479  
Address: Same Zip code: \_\_\_\_\_
6. Number of Employees - Full Time: 850 Part Time: \_\_\_\_\_  
Number of Work Days Per Year: 365  
Number of Shifts Per Day: 3
7. If property is owned indicate block and lot number(s): Blocks 608 and 610  
  
Assessed Value: \$13,000,000 24,527,000 2005
8. If property is rented indicate name and address of owner: N/A  
OWNS  
  
Total square feet rented: 39,75
9. List NJPDES Permit Number if applicable, NJ 0002674 and  
Name of receiving Body of Water entered Passaic River (Stormwater Only)

|     |   |            |                   |
|-----|---|------------|-------------------|
| B   | L | Area       |                   |
| 608 | 1 | 12,263,900 | 20. 870,000 sq    |
| 610 | 1 | 12,263,900 | 19,751 859,125 sq |

## SECTION B

WATER DATA

10. Water Source: (Circle all appropriate answers)

Purchased

☒ Y - N

Well

☒ Y - N

If Y, is it metered

☒ Y - N

River

☒ Y - N

If Y, is it metered

Y - ☒ N11. Name of purchased water supplier: Passaic Valley Water Commission/Elmwood Pk. Water Co.List all Account #'s: PVWC #122683-45084 EP#100221712. Water Received: From Mo. 1 Yr. 2005 Through Mo. 12 Yr. 2005

(\* Next to a figure means it is estimated).

|                      | <u>PURCHASED</u> | <u>WELL</u> | <u>RIVER</u> | <u>TOTAL</u> |
|----------------------|------------------|-------------|--------------|--------------|
| 1 <sup>st</sup> Qtr. | 68,260,000       | 57,730,000  | *261,711,000 | 387,701,000  |
| 2 <sup>nd</sup> Qtr. | 77,180,000       | 70,063,000  | *267,272,000 | 414,515,000  |
| 3 <sup>rd</sup> Qtr. | 67,730,000       | 68,499,000  | *269,438,000 | 405,667,000  |
| 4 <sup>th</sup> Qtr. | 55,360,000       | 63,902,000  | *266,371,000 | 345,633,000  |

GRAND TOTAL 1,553,516,000

Report in gallons

13. Water Use and Disposition (\*Next to a figure means it is estimated).

|                          | Gallons<br>Sanitary/Combined<br>Sewer | Discharged<br>Stormwater/River/<br>Ditch | Gallons Used<br>Other  |
|--------------------------|---------------------------------------|--|------------------------|
| Sanitary service only    | 6,205,000 * 7,714,000                 | 0  |                        |
| Process waste water      | 1,469,945,450 1,291,780,000           | 0  |                        |
| Cooling water            | <del>* 248,329,000</del>              | 0  |                        |
| Evaporation              |                                       |  | 236,600,000 77,365,550 |
| Contained in the product |                                       |  | <del>22,770,000</del>  |
| Other (describe)         |                                       |  | 0                      |

GRAND TOTAL 1,553,516,000

**SECTION B (continued)**

14. Process wastewater which is discharged as above is metered as follows:

|                                |                |
|--------------------------------|----------------|
| To the Separate Sanitary Sewer | <u>(Y)</u> - N |
| To the Combined Sewer          | Y - N          |
| To the Storm Sewer             | Y - N          |
| River or Ditch                 | Y - N          |

15. Waste hauler information: List all firms and/or independent contractors used to remove process waste or sludge from this facility.

| Contractor       | Address                                   | Icc # | Waste type handled |
|------------------|---|-------|--------------------|
| Waste Management | 77 Brookside Place<br>Hillsdale, NJ 07642 | (N/A) | ID 10/27           |
|                  |   |       |                    |
|                  |   |       |                    |

**SECTION C****OPERATIONAL CHARACTERISTICS**

16. Discharge of Industrial Waste is continuous √  
or intermittent N/A each operating day.

If the discharge is intermittent, it occurs between the following hours: N/A

17. Brief description of Manufacturing or other activity performed: Manufacture of  
Household and Commercial Tissue Products from recyclable waste paper and production  
of Kaofin® Products

List SIC CODE #: 2676

18. Principal Raw Materials used: Recyclable Waste Paper, Sodium Hydroxide, Hot Water,  
Sodium Hypochlorite, Surfactants, Sodium Bisulfite, Paper Making Chemicals  
(Retention Aids, Dyes, Defoamers, Wet Strength Aids)

19. Principal Products or Services: Household and Commercial Tissue Products  
(Napkins, Paper Towels, Bath Tissue, Facial Tissue) and Kaofin® Products

20. Describe seasonal variations, if significant, giving dates, volumes, rates, hours, etc.

Include variations in product lines which affect waste characteristics: \_\_\_\_\_

No Seasonal Variations.

Does this facility shutdown for vacation(s)? No If so, is it basically the same time each year. N/A Provide dates usually shutdown Dec. 25<sup>th</sup> and Jan. 1<sup>st</sup>

### **SECTION D**

#### **MONITORING**

21. Describe any pretreatment process or effluent monitoring system in use:

Outlet 07403221 pH and Flow Recorded, 24 Hour Composite Sampler,  
High and Low Level pH Alarm and Control

Outlet 07403222 N/A

Outlet N/A

22. Sampling information:

| <b><u>Outlet</u></b> | <b><u>Contains Industrial Waste</u></b> | <b><u>Sampler Type</u></b> | <b><u>Refrigerated</u></b> |
|----------------------|---|----------------------------|----------------------------|
| 07403221             | Y                                       | Peristaltic Composite      | Y                          |
| 07403222             | N                                       | None                       | N/A                        |
|                      |   |                            |                            |

**SECTION D (continued)**

## 23. Volume Information:

| <u>Outlet</u> | <u>Daily Flow<br/>(Gallons)</u> | <u>Metered<br/>(Y - N)</u> | <u>Type</u>             | <u>Date</u>    |
|---------------|---------------------------------|----------------------------|-------------------------|----------------|
| 07403221      | 3,043,500                       | Y                          | Venturi<br>(resettable) | March 23, 2005 |
| 07403222      | 21,250                          | N                          | N/A                     | N/A            |

24. Frequency of calibration of each flow meter: Annually

## 25. Attach plot plan of the property showing:

- (a) all existing or proposed sewer and drain lines (including outlets to a storm sewer, river or ditch);
- (b) sample point(s); Monitoring or Pretreatment Equipment; Incoming meter(s); Well meter(s); Internal meter (s); Flowmeter(s).
- (c) details of the connection(s) to the municipal (or PVSC) sewer, including the distance and direction of each connection from the nearest street intersection.

**SECTION E****ANALYSIS OF INDUSTRIAL WASTE**

26. Analysis for Industrial Waste must be a proper sample taken for each outlet.

OUTLET NO. 07403221

| Report to the nearest unit: XX.<br>Except where indicated with (1) Example: 15 mg/l |                                 |              | Report to the nearest hundredth: 0.XX<br>Except where indicated Example: 0.36 mg/l |                              |              |
|---|---------------------------------|--------------|--|------------------------------|--------------|
| <u>Code</u>   | <u>Parameter</u>                | <u>Value</u> | <u>Code</u>  | <u>Parameter</u>             | <u>Value</u> |
| 0200*   | Radioactivity (PL-1)            |              | 1097*  | Antimony (Sb)                |              |
| 0500  | Total Solids                    | #            | 1002*  | Arsenic (As)                 |              |
| 0505  | Volatile Solids                 | #            | 1022*  | Boron (B)                    |              |
| 0530  | Total Suspended Solids          | 88           | 1027   | Cadmium (Cd)                 | <0.005       |
| 0540  | Volatile Suspended Solids       | #            | 1034*  | Chromium Total (Cr)          |              |
| 0555  | (1)(3) Petroleum Hydrocarbons   | 4.10         | 1042   | Copper (Cu)                  | <0.02        |
| 0310  | Biochemical Oxygen Demand (BOD) | 406          | 1045*  | Iron (Fe)                    |              |
|   |                                 |              | 1051   | Lead (Pb)                    | <0.025       |
| 0340  | Chemical Oxygen Demand (COD)    | 610          | 0720*(3)   | Cyanide (Cn)                 |              |
|   |                                 |              | 1900   | Mercury (Report to 0.XXX)    | <0.0005      |
| 0680  | Total Organic Carbon (TOC)      | 110          | 1067   | Nickel (Ni)                  | <0.02        |
|   |                                 |              | 1147*  | Selenium (Se)                |              |
| 9000  | pH(standard unit range)         | 7.8          | 1077*  | Silver (Ag)                  |              |
| 0610  | (1) Ammonia as N                | #            | 1102*  | Tin (Sn)                     |              |
| 0550  | (1)(3) Total Oil & Grease       | 4.10         | 1092   | Zinc (Zn)                    | 0.061        |
| 0745*   | (1) Sulfide                     |              | 2730   | Phenol                       | 0.17         |
| 0507*   | (1) Ortho Phosphates as P       |              | 4053*  | Pesticides (Report to 0.XXX) |              |
| 0625*   | (1) Kjeldahl N as N             |              |  |                              |              |
| 9998*   | (2)(3) TTO (Report to 0.XXX)    |              | 9999*(3)   | TTVO (Report to 0.XXX)       |              |

#To be provided after another round of sampling on 3/10/06.

FOOTNOTES:

- (1) Report results to the nearest tenth, i.e., 1.6 mg/l.
- (\*) Analyze for this if reasonably expected to be present in the discharge unless otherwise exempted.
- (2) See instructions.
- (3) Grab sample required

Rev: 1/87  
8/89  
7/90  
9/94  
8/95  
11/95  
07/98

**SECTION E (continued)**

Samples collected by: Manuel Martinez

Date: As Listed

Sample analyzed by: Analytical Testing Laboratories Date: As Listed

Products being manufactured when sample was collected: Household and Commercial  
Tissue Products and Kaofin® Products

27. Who performs the analyses of the samples for User Charge? Analytical Testing  
Laboratories

28. Is the Laboratory certified by NJDEP to conduct all the analyses? Y - N Y

29. Who performs the analyses of the samples for the Pretreatment Parameters?  
Analytical Testing Laboratories and Accredited Laboratories, Inc.

If monitoring has not commenced for Pretreatment, indicate Laboratory you plan to use. If unknown, so state:

30. Is the Laboratory certified by NJDEP to conduct all the required Pretreatment analyses?

Y - N Yes, except for Mercury (AL, Inc.)

31. Based upon knowledge of materials and processes used at this facility check the appropriate box that best describes the potential that a Priority Pollutant, listed on Tables 1,2 & 3 is present in your discharge.

**SECTION F****PRETREATMENT**

32. Industrial Category: 40 CFR 430.176  
 Subpart (s): Q – Pulp, Paper and Paperboard
33. Compliance date(s): July 1, 1984
34. Is facility in compliance? Yes If not, and if compliance date has passed,  
 explain actions being taken to get into compliance: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
35. Date Baseline Monitoring Report (BMR) submitted to PVSC: 2/15/93
36. Compliance schedule submitted: N/A  
 If yes is facility on schedule? N/A Explain if compliance date will not be met:  
 \_\_\_\_\_  
 \_\_\_\_\_
37. Does this facility come under the Resource Conservation and Recovery Act (RCRA)?  
 If yes, describe Yes
38. Does this facility have a Spill Prevention Control and Countermeasures (SPCC) plan?  
 If yes, describe Yes. Plan Focuses on Procedures, methods and Equipment Relating  
To Delivery, Storage and Use of Fuel Oil
39. Has NJDEP or EPA ever cited this facility for a violation of State or Federal  
 Regulations for the nature of its wastewater discharge? Y - N No
40. Is this facility under an ISRA Clean up? No If so, has a plan been approved by  
 NJDEP: \_\_\_\_\_  
 Is there any plan to discharge groundwater?  
No  
 \_\_\_\_\_  
 \_\_\_\_\_



**CERTIFICATION\*:**

The information contained in this application is familiar to me and, to the best of my knowledge and belief, such information is true, complete and accurate.

If the applicant is a corporation, a corporate resolution is attached granting me the authority to sign the application on behalf of the corporation.

Name of signing official: WILLIAM M. REILLEY  
Print Name

TITLE: DIRECTOR OF ENVIRONMENTAL AFFAIRS

March 10, 2006

DATE

Wm Reilly

SIGNATURE

\*APPLICATION MUST BE SIGNED BY ONE OF THE FOLLOWING:

- a. Principal Officer of Corporation
- b. President or Owner of Company
- c. General Partner if a Partnership
- d. Plant Manager or Authorized Representative

**TABLE 1 EPA PRIORITY POLLUTANTS****CHECK APPROPRIATE BOX**

| NAME   | A | B | C | D |  | A | B | C | D |
|--|---|---|---|---|--|---|---|---|---|
| Acenaphthene                                 |   |   | X |   | 2,4 dimethylphenol                     |   |   | X |   |
| acrolein                                     |   |   |   | X | 2,4 dinitrotoluene                     |   |   | X |   |
| acrylonitrile                                |   |   |   | X | 2,6 dinitrotoluene                     |   |   | X |   |
| Benzene                                      |   |   | X |   | 1,2 diphenylhydrazine                  |   |   |   | X |
| benzidine                                    |   |   |   | X | ethylbenzene                           |   |   |   | X |
| carbon tetrachloride<br>(tetrachloromethane) |   |   | X |   | fluoranthene                           |   |   | X |   |
| chlorobenzene                                |   |   | X |   | 4-chlorophenyl phenyl ether            |   |   | X |   |
| 1,2,4-trichlorobenzene                       |   |   | X |   | 4-bromophenyl phenyl ether             |   |   | X |   |
| hexachlorobenzene                            |   |   | X |   | bis(2-chloroisopropyl) ether           |   |   | X |   |
| 1,2 dichloroethane                           |   |   | X |   | bis(2-chloroethoxy) methane            |   |   | X |   |
| 1,1,1 trichloroethane                        |   |   | X |   | methylene<br>chloride(dichloromethane) |   |   | X |   |
| hexachloroethane                             |   |   |   | X | methyl chloride<br>(chloromethane)     |   |   | X |   |
| 1,1,dichloroethane                           |   |   | X |   | methyl bromide<br>(bromomethane)       |   |   | X |   |
| 1,1,2 trichloroethane                        |   |   | X |   | bromoform(tribromomethane)             |   |   | X |   |
| 1,1,2,2 tetrachloroethane                    |   |   | X |   | dichlorobromomethane                   |   |   |   | X |
| chlorethane                                  |   |   | X |   | trichlorofluoromethane                 |   |   | X |   |
| bis(chloromethyl) ether                      |   |   |   | X | dichlorodifluoromethane                |   |   |   | X |
| Bis(2 chloroethyl) ether                     |   |   | X |   | chlorodibromomethane                   |   |   | X |   |
| 2-chloroethyl vinyl ether mixed              |   |   | X |   | hexachlorobutadiene                    |   |   | X |   |
| 2-chloronaphthalene                          |   |   | X |   | hexachlorocyclopentadiene              |   |   | X |   |
| 2,4,6, trichlorophenol                       |   |   | X |   | isophorone                             |   |   | X |   |
| parachlorometa cresol                        |   |   |   | X | naphthalene                            |   |   | X |   |
| Chloroform (trichloromethane)                |   | X |   |   | nitrobenzene                           |   |   | X |   |
| 2 chlorophenol                               |   |   | X |   | 2-nitrophenol                          |   |   | X |   |
| 1,2, dichlorobenzene                         |   |   | X |   | 4-nitrophenol                          |   |   | X |   |
| 1,3, dichlorobenzene                         |   |   | X |   | 2,4-dinitrophenol                      |   |   | X |   |
| 1,4, dichlorobenzene                         |   |   | X |   | 4,6 dinitro-o cresol                   |   |   |   | X |
| 3,3, dichlorobenzidine                       |   |   | X |   | N-nitrosodimethylamine                 |   |   | X |   |
| 1,1,dichloroethylene                         |   |   | X |   | N-nitrosodiphenylamine                 |   |   | X |   |
| 1,2 trans-dichloroethylene                   |   |   | X |   | N-nitrosodi-n-propylamine              |   |   | X |   |
| 2,4,dichlorophenol                           |   |   | X |   | pentachlorophenol                      |   |   | X |   |
| 1,2, dichloropropane                         |   |   | X |   | Phenol                                 | X |   |   |   |
| 1,3, dichloropropylene                       |   |   | X |   |  |   |   |   |   |
| (1,3 dichlor propene)                        |   |   | X |   |  |   |   |   |   |

- A. KNOWN TO BE PRESENT**  
**B. SUSPECTED TO BE PRESENT**  
**C. KNOWN TO BE ABSENT**  
**D. SUSPECT TO BE ABSENT**

**TABLE 1 EPA PRIORITY POLLUTANTS (continued)****CHECK APPROPRIATE BOX**

| NAME                        | A | B | C | D |                             | A | B | C | D |
|-----------------------------|---|---|---|---|-----------------------------|---|---|---|---|
| bis(2-ethylhexyl) phthalate |   |   | X |   | Endrin                      |   |   |   | X |
| butylbenzylphthalate        |   |   | X |   | endrin aldahyde             |   |   |   | X |
| di-n-butylphthalate         |   |   | X |   | heptachlor                  |   |   |   | X |
| di-n-octylphthalate         |   |   | X |   | heptachlor (epoxide)        |   |   |   | X |
| diethylphthalate            |   |   | X |   | BHC Alpha                   |   |   |   | X |
| dimethylphthalate           |   |   | X |   | BHC Beta                    |   |   |   | X |
| benzo(a)anthracene          |   |   | X |   | BHC Gamma                   |   |   |   | X |
| benzo(a)pyrene              |   |   | X |   | BHC Delta                   |   |   |   | X |
| 3,4 benzo(a)fluoranthene    |   |   | X |   | PCB1242                     |   | X |   |   |
| benzo(k) fluoranthene       |   |   | X |   | PCB1254                     |   |   |   | X |
| chrysene                    |   |   | X |   | PCB1221                     |   |   |   | X |
| acenaphthylene              |   |   | X |   | PCB1232                     |   |   |   | X |
| anthracene                  |   |   | X |   | PCB1248                     |   |   |   | X |
| benzo(ghi)perylene          |   |   | X |   | PCB1260                     |   |   |   | X |
| fluorene                    |   |   | X |   | PCB1016                     |   |   |   | X |
| phenanthrene                |   |   | X |   | toxaphene                   |   |   |   | X |
| dibenzo (a,h) anthracene    |   |   | X |   | antimony(total)             |   |   |   | X |
| indeno (1,2,3-c,d) pyrene   |   |   | X |   | arsenic (total)             |   |   | X |   |
| pyrene                      |   |   | X |   | asbestos (fibrous)          |   |   |   | X |
| tetrachloroethylene         |   |   | X |   | beryllium (total)           |   |   |   | X |
| toluene                     |   | X |   |   | cadmium (total)             |   |   | X |   |
| trichloroethylene           |   |   | X |   | chromium (total)            |   |   |   | X |
| vinyl chloride              |   |   | X |   | copper (total)              |   |   | X |   |
| aldrin                      |   |   |   | X | cyanide (total)             |   |   |   | X |
| dieldrin                    |   |   |   | X | lead (total)                |   | X |   |   |
| chlordane                   |   |   |   | X | mercury (total)             |   |   | X |   |
| 4,4 DDT                     |   |   |   | X | nickel (total)              |   |   | X |   |
| 4,4, DDE                    |   |   |   | X | selenium (total)            |   |   |   | X |
| 4,4, DDD                    |   |   |   | X | silver (total)              |   |   |   | X |
| endosulfan 1                |   |   |   | X | thallium (total)            |   |   |   | X |
| endosulfan 11               |   |   |   | X | zinc (total)                | X |   |   |   |
| endosulfan sulfate          |   |   |   | X | 2,3,7,8, tetrachlorodibenzo |   |   |   | X |
|                             |   |   |   | X | p-dioxin                    |   |   |   | X |

- A. KNOWN TO BE PRESENT**  
**B. SUSPECTED TO BE PRESENT**  
**C. KNOWN TO BE ABSENT**  
**D. SUSPECT TO BE ABSENT**

**TABLE 2 NJDEP EXPANDED PRIORITY POLLUTANTS****CHECK APPROPRIATE BOX**

| NAME                    | A | B | C | D |                             | A | B | C | D |
|-------------------------|---|---|---|---|-----------------------------|---|---|---|---|
| acrylamide              |   |   |   | X | n,n-dimethyl aniline        |   |   |   | X |
| amitrole                |   |   |   | X | 3,3-dimethyl benzidine      |   |   |   | X |
| amyl alcohols           |   |   |   | X | 1,1-dimethylhydrazine       |   |   |   | X |
| aniline hydrochloride   |   |   |   | X | dioxane                     |   |   |   | X |
| anisole                 |   |   |   | X | diphenylamine               |   |   |   | X |
| auramine                |   |   |   | X | ethylenimine                |   |   |   | X |
| benzotrichloride        |   |   |   | X | hydrazine                   |   |   |   | X |
| benzylamine             |   |   |   | X | 4,4-methylene bis           |   |   |   | X |
|                         |   |   |   |   | (2-chloraniline)            |   |   |   | X |
| o-chloroaniline         |   |   | X |   | 4,4-methylenedianiline      |   |   |   | X |
| m-chloroaniline         |   |   | X |   | methyl isobutyl ketone      |   |   |   | X |
| p-chloroaniline         |   |   | X |   | alpha-naphthylamine         |   |   |   | X |
| 1-chloro-2-nitrobenzene |   |   |   | X | beta-naphthylamine          |   |   |   | X |
| 1-chloro-4-nitrobenzene |   |   |   | X | n-methylaniline             |   |   |   | X |
| chloroprene             |   |   |   | X | 1,2- phenylenediamine       |   |   |   | X |
| chrysoidine             |   |   |   | X | 1,3- phenylenediamine       |   |   |   | X |
| cumene                  |   |   |   | X | 1,4-phenylenediamine        |   |   |   | X |
| 2,3-dichloroaniline     |   |   |   | X | sudan 1 (solvent yellow 14) |   |   |   | X |
| 2,4-dichloroaniline     |   |   |   | X | thiourea                    |   |   |   | X |
| 2,5-dichloroaniline     |   |   |   | X | toluene sulfonic acids      |   |   |   | X |
| 3,4-dichloroaniline     |   |   |   | X | toluidines                  |   |   |   | X |
| 3,5-dichloroaniline     |   |   |   | X | xylidines                   |   |   |   | X |
| 1,3-dichloropropene     |   |   |   | X |                             |   |   |   |   |
| 1,3-dimethoxybenzidine  |   |   |   | X |                             |   |   |   |   |

- A. KNOWN TO BE PRESENT**  
**B. SUSPECTED TO BE PRESENT**  
**C. KNOWN TO BE ABSENT**  
**D. SUSPECT TO BE ABSENT**

**TABLE 3 EPA HAZARDOUS SUBSTANCES****CHECK APPROPRIATE BOX**

| NAME                        | A | B | C | D |   | A | B | C | D |
|-----------------------------|---|---|---|---|---|---|---|---|---|
| acetaldehyde                |   |   |   | X | isopropanolamine                                  |   |   |   | X |
| allyl alcohol               |   |   |   | X | kelthane  |   |   |   | X |
| allyl chloride              |   |   |   | X | kepone  |   |   |   | X |
| amyl acetate                |   |   |   | X | malathion   |   |   |   | X |
| aniline                     |   |   |   | X | mercaptodimethur                                  |   |   |   | X |
| benzonitrile                |   |   |   | X | methoxychlor                                      |   |   |   | X |
| benzyl chloride             |   |   |   | X | methyl mercaptan                                  |   |   |   | X |
| butyl acetate               |   |   |   | X | methyl methacrylate                               |   |   |   | X |
| butylamine                  |   |   |   | X | methly parathion                                  |   |   |   | X |
| captan                      |   |   |   | X | mevinphos   |   |   |   | X |
| carbaryl                    |   |   |   | X | mexacarbate                                       |   |   |   | X |
| carbofuran                  |   |   |   | X | monoethylamine                                    |   |   |   | X |
| carbon disulfide            |   |   |   | X | monomethylamine                                   |   |   |   | X |
| chlorpyrifos                |   |   |   | X | naled   |   |   |   | X |
| coumaphos                   |   |   |   | X | napthenic acid                                    |   |   |   | X |
| cresol                      |   |   |   | X | nitrotoluene                                      |   |   |   | X |
| crotonaldehyde              |   |   |   | X | parathion   |   |   |   | X |
| cyclohexane                 |   |   |   | X | phenolsulfanate                                   |   |   |   | X |
| 2,4-D (2,4-dichlorophenoxy) |   |   |   | X | phosgene  |   |   |   | X |
| acetic acid                 |   |   |   | X | propagrite  |   |   |   | X |
| diazinon                    |   |   |   | X | propylene oxide                                   |   |   |   | X |
| dicamba                     |   |   |   | X | pyrethrins  |   |   |   | X |
| dichlobenil                 |   |   |   | X | quinoline   |   |   |   | X |
| dichlone                    |   |   |   | X | resorcinol  |   |   |   | X |
| 2,2-dichloropropionic acid  |   |   |   | X | strontium   |   |   |   | X |
| dichlorvos                  |   |   |   | X | strychnine  |   |   |   | X |
| diethylamine                |   |   |   | X | stryrene  |   |   |   | X |
| dimethylamine               |   |   |   | X | 2,4,5-T (2,4,5-trichloro-<br>phenoxy acetic acid) |   |   |   | X |
|                             |   |   |   |   |   |   |   |   | X |
| dinitrobenzene              |   |   |   | X | TDE (tetrachloro-<br>diphenylethane)              |   |   |   | X |
|                             |   |   |   |   |   |   |   |   | X |
| diquat                      |   |   |   | X | 2,4,5-TP 2(2,4,5-<br>trichlorophenoxy             |   |   |   | X |
|                             |   |   |   |   |   |   |   |   | X |
| disulfoton                  |   |   |   | X | trichlorofon                                      |   |   |   | X |
| diuron                      |   |   |   | X | triethylamine                                     |   |   |   | X |
| epichlorohydrin             |   |   |   | X | trimethylamine                                    |   |   |   | X |
|                             |   |   |   |   | propanoic acid                                    |   |   |   | X |

- A. KNOWN TO BE PRESENT**  
**B. SUSPECTED TO BE PRESENT**  
**C. KNOWN TO BE ABSENT**  
**D. SUSPECT TO BE ABSENT**

**TABLE 3 EPA HAZARDOUS SUBSTANCES (continued)****CHECK APPROPRIATE BOX**

| <b><u>NAME</u></b> | <b><u>A</u></b> | <b><u>B</u></b> | <b><u>C</u></b> | <b><u>D</u></b> |               | <b><u>A</u></b> | <b><u>B</u></b> | <b><u>C</u></b> | <b><u>D</u></b> |
|--------------------|-----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|
| ethanolamine       |                 |                 |                 | X               | uranium       |                 |                 |                 | X               |
| ethion             |                 |                 |                 | X               | vanadium      |                 |                 |                 | X               |
| ethylene diamine   |                 |                 |                 | X               | vinyl acetate |                 |                 |                 | X               |
| ethylene dibromide |                 |                 |                 | X               | xylene        |                 |                 |                 | X               |
| formaldehyde       |                 |                 |                 | X               | xlenol        |                 |                 |                 | X               |
| furfural           |                 |                 |                 | X               | zirconium     |                 |                 |                 | X               |
| guthion            |                 |                 |                 | X               |               |                 |                 |                 |                 |
| isoprene           |                 |                 |                 | X               |               |                 |                 |                 |                 |

- A. KNOWN TO BE PRESENT**  
**B. SUSPECTED TO BE PRESENT**  
**C. KNOWN TO BE ABSENT**  
**D. SUSPECT TO BE ABSENT**

## SUPPLEMENTAL SEWER USE APPLICATION QUESTIONNAIRE

The following questionnaire must be completed and submitted by all industrial and tax-exempt users making application for a SEWER USE PERMIT. The purpose of this questionnaire is to identify the correct name and address of the applicant and all individuals and entities owning 10% or more of the applicant. This will assist the PVSC by providing necessary information for service of notices, bills and other documents upon the applicant, for service of process as well as the individual to be contacted in the event of an emergency.

BY SIGNING THIS APPLICATION THE APPLICANT IS ACKNOWLEDGING ITS CONTINUING OBLIGATION TO UPDATE THE INFORMATION CONTAINED IN THIS QUESTIONNAIRE. SPECIFICALLY THE APPLICANT UNDERSTANDS THAT IT SHALL NOTIFY THE PVSC WITHIN THIRTY (30) DAYS OF ITS ENTERING INTO A CONTRACT OR AGREEMENT TO TRANSFER ITS CAPITAL STOCK AND/OR 50% OR MORE OF ITS ASSETS. THE APPLICANT SHALL LIKEWISE INFORM THE PVSC, ON A CONTINUING BASIS, OF ALL INDIVIDUALS OR ENTITIES OWNING 10% OR MORE OF THE CAPITAL STOCK OR ASSETS OF THE CORPORATION AND ANY INDIVIDUAL OR ENTITY ENTITLED TO RECEIVE MORE THAN 10% OF THE NET PROFITS OF THE APPLICANT.

FAILURE TO NOTIFY THE PVSC OF ANY CHANGES IN THE CORPORATE STRUCTURE, OWNERSHIP OR PLANNED TRANSFER OF OWNERSHIP WITHIN 15 DAYS OF ITS OCCURRENCE SHALL BE DEEMED A VIOLATION OF THE SEWER USE PERMIT, THE RULES AND REGULATIONS OF THE PVSC AND N.J.S.A. 58:14-1 et. seq.

### SECTION ONE

(To be completed by all applicants)

**NAME OF APPLICANT:** State the complete name of the organization applying for a SEWER USE PERMIT ("Permit"), as it appears on the certificate of incorporation, charter, by-laws, partnership agreement, trust or other official document which establishes the name of the applicant (if no such document exists, state the name the business uses):

MARCAL PAPER MILLS, INC.

Name of Applicant

**TRADE NAME:** Identify all trade names, names under which the applicant will be doing or soliciting business and/or fictitious names that the organization will utilize at the location(s) for which this Permit application is made.

Trade Name/Fictitious Name

**BUSINESS ORGANIZATION:** Please check the appropriate box:

- |   |  |
|---|--|
| <input type="checkbox"/> Sole Proprietorship    | <input type="checkbox"/> Trust                     |
| <input type="checkbox"/> Partnership            | <input type="checkbox"/> Joint Venture             |
| <input type="checkbox"/> Limited Partnership    | <input type="checkbox"/> Non-Profit Corporation    |
| <input checked="" type="checkbox"/> Corporation | <input type="checkbox"/> Limited Liability Company |
| <input type="checkbox"/> Other (describe)       |  |

**EMERGENCY CONTACT PERSON:** In the event of an emergency, provide the name, address and telephone number of the person(s) the PVSC can contact:

Name: **WILLIAM REILLEY**

Street Address: 1 Market Street

City, State & Zip Code: Elmwood Park, NJ 07407

Business Telephone: (201) 703-6479      Emergency Telephone: (201) 796-4000

**PAST NAMES OF APPLICANT.** List all names under which the applicant has done business or held itself out to the public as doing business in the past. Include names of division, and “trading as,” “doing business as,” fictitious, or informal name.

| <u>Name</u> | <u>From (Year)</u> | <u>To (Year)</u> |
|-------------|--------------------|------------------|
|             |                    |                  |
|             |                    |                  |
|             |                    |                  |

**APPLICANT'S FORMER FACILITIES IN NEW JERSEY.** List all locations, including office, in the State of New Jersey at which the applicant formerly operated any aspect of its business, and any location at which such a business was owned or operated by any predecessor of the applicant, or by any owner, partner, director, officer, key employee or stockholder holding 10% or more of the applicant's equity.

| <u>Address</u> | <u>Type of Facility</u> | <u>From To (years)</u> | <u>NJDEP regis. No. and or USEPA I.D.</u> |
|----------------|-------------------------|------------------------|---|
|                |                         |                        |   |
|                |                         |                        |   |



**APPLICANT'S FACILITIES IN OTHER JURISDICTIONS.** List all locations in any state, including offices, districts or territory of the United States other than New Jersey, or in any foreign country, at which the applicant is currently operating any aspect of its business.

| <u>Address</u> | <u>Telephone</u> | <u>Type of facility</u> | <u>USEPA I.D. and/or<br/>any permits (nos. and<br/>name of issuing agency)</u> |
|----------------|------------------|-------------------------|--|
| _____          | _____            | _____                   | _____  |
| _____          | _____            | _____                   | _____  |
| _____          | _____            | _____                   | _____  |

## SECTION TWO

(To be completed only by Corporations and Limited Liability Companies)

**REGISTERED AGENT:** Identify the name and address of the Corporation's Registered Agent:

Name: \_\_\_\_\_

Company Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

City, State & Zip Code: \_\_\_\_\_

Telephone: \_\_\_\_\_  
(Area Code)

**DATE AND PLACE OF INCORPORATION/FORMATION:** Identify the state where the corporation/LLC was organized and the date on which the Certificate of Incorporation/Formation was filed:

State/Country: New Jersey

Date: 4/28/32

Certificate of Incorporation No.: \_\_\_\_\_

Copy of certificate of incorporation attached?        Yes   ✓   No

**DATE AUTHORIZED IN NEW JERSEY:** If other than a New Jersey corporation/LLC, state the date on which the corporation/LLC received a Certificate of Authority to Transact Business in New Jersey (and attach copy).

Date: \_\_\_\_\_

**OFFICERS.** List the following information as to each Officer of the corporation. Use additional copies of this section as necessary.

**Name:** \_\_\_\_\_ **Telephone:** \_\_\_\_\_

**Business address:** \_\_\_\_\_

| <u>Office</u><br><u>held</u> | <u>Date took</u><br><u>office</u> | <u>Date of</u><br><u>birth</u> |
|------------------------------|-----------------------------------|--------------------------------|
| _____                        | _____                             | _____                          |

**Name:** \_\_\_\_\_ **Telephone:** \_\_\_\_\_  
(area code)

**Business address:**

| <u>Office</u><br><u>held</u> | <u>Date took</u><br><u>office</u> | <u>Date of</u><br><u>birth</u> |
|------------------------------|-----------------------------------|--------------------------------|
| _____                        | _____                             | _____                          |

**DIRECTORS.** List the following information as to each Director of the corporation. Use additional copies of this section as necessary.

**Name:** \_\_\_\_\_ **Telephone:** \_\_\_\_\_  
(area code)

**Business address:**

| <u>Office</u><br><u>held</u> | <u>Date took</u><br><u>office</u> | <u>Date of</u><br><u>birth</u> |
|------------------------------|-----------------------------------|--------------------------------|
| _____                        | _____                             | _____                          |

**FORMER OFFICERS AND DIRECTORS:** List the following information as to each person who was an Officer or Director of the corporation at any time during the last 10 years and is not listed in the responses above. Use additional copies of this section, as necessary.

**Name and last known address:**

| <u>Position held</u> | <u>From</u> | <u>To</u><br>(month/year) | <u>Date of birth</u> |
|----------------------|-------------|---------------------------|----------------------|
| _____                | _____       | _____                     | _____                |

### SECTION THREE

(To be completed only by Corporations and Limited Liability Companies)

List all persons and/or entities holding a 10% or greater ownership, equity, beneficial or other interest in the Applicant along with the addresses and telephone #. Use additional copies of this section as necessary.

**Name:**

Street Address:

City, State & Zip Code:

Bus.Phone

**Name:**

Street Address:

City, State & Zip Code:

Bus.Phone

If any of the persons and/or entities listed above is a corporation or Limited Liability Corporation, for each such corporation provide all information requested in Section Two of this Questionnaire.

### SECTION FOUR

(To be completed only by Partnerships or Joint Ventures)

Provide a copy of the partnership or joint venture agreement of applicant.

Copy attached?    ☐    Yes    ☐    No

**TYPE OF ASSOCIATION:** Check One

☐ General Partnership      ☐ Limited Partnership      ☐ Joint Venture

**GENERAL PARTNERS OR JOINT VENTURERS.** List the following information as to each partner or joint venturer. Use additional copies of this section, as necessary. If a limited partnership, list limited partners separately under the heading "limited partners."

Name:

Street Address:

City, State &amp; Zip Code:

Telephone: \_\_\_\_\_

Name:

Street Address:

City, State &amp; Zip Code:

Telephone: \_\_\_\_\_

**LIMITED PARTNERS.** List the following information as to each limited. Use additional copies of this section as necessary.

Name:

Street Address:

City, State &amp; Zip Code:

Telephone: \_\_\_\_\_

Name:

Street Address:

City, State &amp; Zip Code:

Telephone: \_\_\_\_\_

**FORMER PARTNERS/JOINT VENTURERS.** List the following information as to all prior partners (general and limited) and joint venturers of the applicant during the past 10 years that are not listed above. Use additional copies of this section as necessary.

Name:

Street Address:

City, State & Zip Code:

Telephone:

Dates during which individual was a partner: \_\_\_\_\_

Name:

Street Address:

City, State & Zip Code:

Telephone: \_\_\_\_\_ Telephone \_\_\_\_\_

Dates during which individual was a partner: \_\_\_\_\_

If any of the persons and/or entities listed above is a corporation or Limited Liability Corporation, for each such corporation provide all information requested in Section Two of this Questionnaire.

## SECTION FIVE

(This section to be completed only if the business concern is organized in a form **other than** a sole proprietorship, corporation, partnership or joint venture—such as a trust or association)

**FORM OF BUSINESS ORGANIZATION:** Describe how the business entity is organized and under what legal authority it was established.

Type (trust, trade association; estate; etc.)

Copy attached?      ☐ Yes      ☐ No

**OWNERS, OFFICERS, TRUSTEES, CONTROLLING PARTIES, ETC.** List the following information as to each person who owns, controls or is an officer or trustee of the Applicant. If any owner, officer, trustee, or controlling party listed below shall be a corporation, limited liability corporation, or partnership (general or limited liability), the Applicant shall supply the information requested in Sections Two, Three and Four as applicable. **Use additional copies of this section as necessary.**

**Name:**

**Street Address:**

**City, State & Zip Code:**

**Telephone:**

**Name:**

**Street Address:**

**City, State & Zip Code:**

**Telephone:**

## **SECTION SIX**

### **CIVIL VIOLATIONS HISTORY**

(To be completed by all applicants)

The following questions concern civil violations of environmental protection laws and regulations. In this section, the term "you" refers to the applicant identified in SECTION I, and to any of the following:

- a. Any predecessor firm, or any previous name under which the applicant operated.
- b. Subsidiaries: Any business in which the applicant holds 25% of equity or debt liability.
- c. Sister companies: Any business in which the applicant's parent company holds more than 10% of the equity or debt liability.
- d. Any corporation of which the Applicant is a subsidiary.
- e. Any Officer, Director, Partner, or Joint Venturer of the applicant, and any business concern owned or controlled by any such individual.

Provide a response in each section. Each item pertains to all of the entities and individuals listed above. If an answer is None or the item is not applicable, write "None" or "N/A". A question left unanswered will not be presumed "Not applicable" or "None" - **THE FORM WILL BE DEEMED INCOMPLETE.**

As used below, the term "law or regulation pertaining to protection of the environment" includes laws and regulations relating to the discharge, treatment, storage, processing, recycling or disposal of industrial waste or hazardous waste and any others relating to water and air pollution, discharge of hazardous substances and treatment of hazardous materials. It includes regulations of the Passaic Valley Sewerage Commissioners ("PVSC"), N.J. DEP, the U.S. EPA, the N.J. DOT, and the U.S. Department of Transportation.

**A: NEW JERSEY VIOLATIONS NOTICES.** List and explain all Summonses, Notices of Violation, Notices of Prosecution, Administrative Orders and Actions, civil complaints, settlements, Judicial or Administrative Consent Orders, or Notices of Intent to Deny or Revoke any license or permit, or similar notices, issued to you within the past 10 years by the PVSC, New Jersey Department of Environmental Protection (DEP) or United States Environmental Protection Agency. **Attach additional sheets if necessary.**

Name of entity cited: \_\_\_\_\_ Date Issued: \_\_\_\_\_

Address of alleged violation: \_\_\_\_\_

Alleged violation: \_\_\_\_\_ Type of notice: \_\_\_\_\_

Disposition & explanation: \_\_\_\_\_

Name of issuing agency: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**B. FEDERAL VIOLATION NOTICES.** List and explain all Notices of Violation, Notices of Prosecution, Administrative Orders and Actions, civil complaints, or similar notices issued to you within the past 10 years by the U.S. Environmental Protection Agency or U.S. Department of Transportation for any alleged violation of any federal law or regulation pertaining to protection of the environment. **Use additional copies of this section as necessary.**

Name of entity cited: \_\_\_\_\_ Date Issued: \_\_\_\_\_

Address of alleged violation: \_\_\_\_\_

Alleged violation: \_\_\_\_\_ Type of notice: \_\_\_\_\_

Disposition & explanation: \_\_\_\_\_

Name of issuing agency: \_\_\_\_\_ Docket no.: \_\_\_\_\_

**C. NEW JERSEY MUNICIPALITIES AND COUNTIES.** List and explain all Notices of Violation, Notices of Prosecution, Administrative Orders and Actions, Summonses, civil Complaints, Citations of any kind, and Notices of intent to Deny or Revoke a license or permit, or any similar notices issued to you within the past 10 years by any municipality or county in the State of New Jersey, for any alleged violation of any law or regulation pertaining to the protection of the environment, other than a motor vehicle or littering offense. **Use additional copies of this section as necessary.**

Name of entity cited: \_\_\_\_\_ Date Issued: \_\_\_\_\_

Address of alleged violation: \_\_\_\_\_

Alleged violation: \_\_\_\_\_ Type of notice: \_\_\_\_\_

Disposition & explanation: \_\_\_\_\_

Name of issuing agency: \_\_\_\_\_ Docket no.: \_\_\_\_\_

**D. OTHER STATES AND FOREIGN COUNTRIES.** List and explain all Notices of Violation, Notices of Prosecution, Administrative Orders and Actions, Summons, Civil Complaints, Citations of any kind, and Notices of Intent to Deny or Revoke a license or permit, or any similar notices issued to you within the past 10 years by any state other than the State of New Jersey or by any foreign country, for any alleged violation of any law or regulation pertaining to the protection of the environment, other than a motor vehicle or littering offense. **Use additional copies of this section as necessary.**

Name of entity cited: \_\_\_\_\_ Date Issued: \_\_\_\_\_

Address of alleged violation: \_\_\_\_\_

Alleged violation: \_\_\_\_\_ Type of notice: \_\_\_\_\_

Disposition & explanation: \_\_\_\_\_

Name of issuing agency: \_\_\_\_\_ Docket no.: \_\_\_\_\_



**SECTION SEVEN****OTHER CIVIL COURT JUDGMENTS AND PENDING LITIGATION**

(To be completed by all applicants)

**A. OTHER JUDGMENTS.** List and explain all judgments of liability in excess of \$25,000 rendered against the applicant in the past 10 years, starting with the most recent. **Use additional copies of this section as necessary.**

**Title of case:** \_\_\_\_\_ **Docket No.:** \_\_\_\_\_

**Name & location of court:** \_\_\_\_\_ **Date judgment entered:** \_\_\_\_\_

**Nature of suit:** \_\_\_\_\_ **Amt./terms of judgment:** \_\_\_\_\_

**B. PENDING SUITS.** List and explain all civil suits in which the applicant is presently involved as a party plaintiff or defendant. Include matters involving resolution before arbitration boards. **Use additional copies of this section as necessary.**

**Title of case:** \_\_\_\_\_ **Docket No.:** \_\_\_\_\_

**Name & location of court:** \_\_\_\_\_ **Date Filed:** \_\_\_\_\_

**Nature of suit:** \_\_\_\_\_ **Status:** \_\_\_\_\_

**SECTION EIGHT****CRIMINAL CHARGES AND CONVICTIONS**

(To be completed by all applicants)

List all indictments, accusations, summonses, complaints, and information against the applicant for any crime, felony, misdemeanor, disorderly persons offense, petty disorderly persons offense or criminal violation.

**NOTE:** You need not list convictions for any violation of Title 39 of the Revised Statutes (N.J.S.A.) or comparable motor vehicle offenses in jurisdictions other than New Jersey. Death by Auto or Vehicular Homicide is considered a criminal offense and must be listed under this item.

List convictions first. Use additional copies of this page as necessary.

Name of entity  
charged/convicted: \_\_\_\_\_

Description of  
crime/offense charged: \_\_\_\_\_

Date  
Charged: \_\_\_\_\_

Jurisdiction  
Where Charged: \_\_\_\_\_

Indictment information,  
Complaint No., indictment No. etc., \_\_\_\_\_


Disposition (if applicable,  
sentence imposed): \_\_\_\_\_

**CERTIFICATION**

(All applicants must sign and date the following certification)

I hereby certify the answers supplied in the foregoing SUPPLEMENTAL SEWER USE PERMIT APPLICATION QUESTIONNAIRE are true. I am aware that if any of the foregoing responses are willfully false, I am subject to punishment.

Dated:

  
Signature

WILLIAM REILLEY  
Director – Environmental Affairs

Print Title & Position



MARCAL PAPER MILLS, INC.  
1 MARKET STREET, ELMWOOD PARK, NEW JERSEY 07407-1451  
TELEPHONE: 201-796-4000 • FAX: 201-796-0470 • TWX: 710-988-2221

March 13, 1996

State of New Jersey  
Department of Environmental Protection  
CN-029  
Trenton, NJ 08625-0029

To Whom It May Concern:

Be advised that William M. Reilley, Director of Environmental Affairs, Marcal Paper Mills, Inc., has overall responsibility of ensuring this facility's compliance with applicable State and Federal Environmental Laws and Regulations.

As such, he is the authorized signatory for NJPDES Discharge Monitoring Reports and other reports or documentation as required by permits and regulations.

Sincerely,

MARCAL PAPER MILLS, INC.

A handwritten signature in black ink that reads "NR. marcalus".

Nicholas R. Marcalus  
President and Chief Executive Officer

/am

A handwritten signature in black ink that reads "Nancy Kurucz".

**NANCY KURUCZ**  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires March 8, 1999



Printed on recycled paper

**ANALYTICAL TESTING LABORATORIES**

NJDEP CERTIFICATION NO. 20477

PO BOX 368, KENILWORTH N.J. 07033 (908)241-5040 fax (908)241-5356

**ANALYSIS REPORT**

ATT: WILLIAM REILLY  
 MARCAL PAPERMILLS  
 ONE MARKET STREET  
 ELMWOOD PARK, NEW JERSEY 07407

CODE NO: 21803  
 DATE RECEIVED: 12/05/05  
 DATE SENT: 01/13/06  
 SAMPLE TYPE: WATER

SAMPLE ID: #005 WASTEWATER

| SAMPLE No.    | PARAMETER | RESULT | ANALYZED | UNITS | MDL  | METHOD |
|---------------|-----------|--------|----------|-------|------|--------|
| 12/03/05 8:00 |           |        |          |       |      |        |
| 21803-01      | BOD       | 410    | 12/10/05 | mg/L  | 2.00 | 405.1  |
|               | TSS       | 154    | 12/05/05 | mg/L  | 4.00 | 160.2  |
|               | pH        | 7.9    | 12/05/05 |       |      | 150.1  |
| 12/04/05 8:00 |           |        |          |       |      |        |
| 21803-02      | BOD       | 388    | 12/10/05 | mg/L  | 2.00 | 405.1  |
|               | TSS       | 56.0   | 12/05/05 | mg/L  | 4.00 | 160.2  |
|               | pH        | 8.0    | 12/05/05 |       |      | 150.1  |
| 12/05/05 8:00 |           |        |          |       |      |        |
| 21803-03      | BOD       | 406    | 12/10/05 | mg/L  | 2.00 | 405.1  |
|               | TSS       | 88.0   | 12/05/05 | mg/L  | 4.00 | 160.2  |
|               | pH        | 7.8    | 12/05/05 |       |      | 150.1  |

REMARKS: MDL = METHOD DETECTION LIMIT  
 J = DETECTED BUT BELOW MDL

  
 ROSE M. KOPLIN  
 DIRECTOR

**ANALYTICAL TESTING LABORATORIES**

NJDEP CERTIFICATION NO. 20477

PO BOX 368, KENILWORTH N.J. 07033 (908)241-5040 fax (908)241-5356

**ANALYSIS REPORT**

ATT: WILLIAM REILLY  
MARCAL PAPERMILLS  
ONE MARKET STREET  
ELMWOOD PARK, NEW JERSEY 07407

CODE NO: 21804  
DATE RECEIVED: 12/05/05  
DATE SENT: 01/13/06  
SAMPLE TYPE: WATER

SAMPLE ID: 005 WASTEWATER

| SAMPLE NO. | PARAMETER | RESULT  | ANALYZED | UNITS | MDL   | METHOD |
|------------|-----------|---------|----------|-------|-------|--------|
| 21804-01   | COD       | 610     | 12/06/05 | mg/L  | 4.00  | 410.1  |
|            | TPHC      | 4.10    | 12/06/05 | mg/L  | 1.00  | 418.1  |
|            | METALS:   |         |          |       |       |        |
|            | CADMIUM   | < 0.005 | 01/12/06 | mg/L  | 0.005 | 213.1  |
|            | COPPER    | < 0.02  | 01/12/06 | mg/L  | 0.02  | 220.1  |
|            | LEAD      | < 0.025 | 01/12/06 | mg/L  | 0.02  | 239.1  |
|            | NICKEL    | < 0.02  | 01/12/06 | mg/L  | 0.02  | 249.1  |
|            | ZINC      | 0.061   | 01/12/06 | mg/L  | 0.005 | 289.1  |

REMARKS: MDL = METHOD DETECTION LIMIT  
J = DETECTED BUT BELOW MDL

  
ROSE M. KOPLIN  
DIRECTOR

ACCREDITED LABORATORIES, INC.  
INORGANIC ANALYSIS DATA SHEET

Case #: 9772  
Sample #: 0512506  
Field ID: 21804-1  
Client Name: ATL

Matrix: Aqueous  
Date Received: 12/08/05

| CAS No.   | Element | Result<br>UG/L | MDL<br>UG/L | Dilution<br>Factor | Method | Date<br>Analyzed |
|-----------|---------|----------------|-------------|--------------------|--------|------------------|
| 7439-97-6 | Mercury | ND             | .500        | 1                  | CV     | 12/13/05         |

mg/l  
<0.0005

ND - Element analyzed for but not detected.

P - Analyzed by ICP

CV - Analyzed by Cold Vapor

F - Analyzed by GFA

A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.  
GENERAL CHEMISTRY ANALYSIS DATA

Case #: 9772  
Sample #: 0512506  
Client Name: ATL  
Field Number: 21804-1

Matrix: Aqueous  
Date Received: 12/08/05

| ANALYTES              | RESULTS | MDL  | UNITS | DILUTION<br>FACTOR | METHOD<br>RESULTS | BLANK<br>MDL | ANALYSIS<br>DATE |
|-----------------------|---------|------|-------|--------------------|-------------------|--------------|------------------|
| Phenols, Total        | 0.17    | 0.05 | mg/L  | 1.                 | ND                | .05          | 12/13/05         |
| Carbon, Total Organic | 110.    | 1.0  | mg/L  | 1.                 | ND                | 1.0          | 12/12/05         |



1A

EPA SAMPLE NO.

## VOLATILE ORGANICS ANALYSIS DATA SHEET

21804-1

Lab Name: ACCREDITED LABS, INC. Contract: \_\_\_\_\_

Lab Code: \_\_\_\_\_ Case No.: 9772 SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: 0512506

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M3597.D

Level: (low/med) LOW Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 12/12/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 5.0

Soil Extract Volume \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

## CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

|          |                           |    |   |
|----------|---------------------------|----|---|
| 74873    | Chloromethane             | 10 | U |
| 74839    | Bromomethane              | 10 | U |
| 75014    | Vinyl Chloride            | 10 | U |
| 75003    | Chloroethane              | 10 | U |
| 75092    | Methylene Chloride        | 5  | U |
| 75694    | Trichlorofluoromethane    | 2  | U |
| 75354    | 1,1-Dichloroethene        | 2  | U |
| 75343    | 1,1-Dichloroethane        | 2  | U |
| 156606   | trans-1,2-Dichloroethene  | 2  | U |
| 67663    | Chloroform                | 22 | D |
| 107062   | 1,2-Dichloroethane        | 2  | U |
| 71556    | 1,1,1-Trichloroethane     | 2  | U |
| 56235    | Carbon Tetrachloride      | 2  | U |
| 75274    | Bromodichloromethane      | 2  | D |
| 78875    | 1,2-Dichloropropane       | 2  | U |
| 10061015 | cis-1,3-Dichloropropene   | 2  | U |
| 79016    | Trichloroethene           | 2  | U |
| 71432    | Benzene                   | 2  | U |
| 124481   | Dibromochloromethane      | 2  | U |
| 10061026 | trans-1,3-Dichloropropene | 2  | U |
| 79005    | 1,1,2-Trichloroethane     | 2  | U |
| 110758   | 2-Chloroethylvinylether   | 10 | U |
| 75252    | Bromoform                 | 2  | U |
| 127184   | Tetrachloroethene         | 2  | U |
| 79345    | 1,1,2,2-Tetrachloroethane | 3  | U |
| 108883   | Toluene                   | 41 | D |
| 108907   | Chlorobenzene             | 2  | U |
| 100414   | Ethylbenzene              | 5  | U |
| 95501    | 1,2-Dichlorobenzene       | 2  | U |
| 541731   | 1,3-Dichlorobenzene       | 2  | U |
| 106467   | 1,4-Dichlorobenzene       | 2  | U |

8